



TETRA TECH

August 31, 2007

Mr. Roy Crossland
START Project Officer
U.S. Environmental Protection Agency, Region 7
901 North 5th Street
Kansas City, Kansas 66101

**Subject: Lead Trend Analysis - Evaluation by Individual Quadrants
 Herculaneum Lead Smelter, Herculaneum, Missouri
 U.S. EPA Region 7 START 3, Contract No. EP-06-01, Task Order No. 0021
 Task Monitor: Bruce Morrison, On-Scene Coordinator**

Dear Mr. Crossland:

Tetra Tech EM Inc. is submitting the attached updated Lead Trend Analysis for the Herculaneum Lead Smelter. Tetra Tech has updated the trend analysis to include the latest round of data obtained in July 2007. As requested, Tetra Tech has also estimated the rate of monthly increase in lead concentrations for each quadrant that showed a statistically significant increase in lead concentration.

If you have any questions or comments, please contact the project manager at (816) 412-1762.

Sincerely,

for David Homer, PhD
Project Manager

Ted Faile, PG
START Program Manager

cc: Bruce Morrison, EPA

Enclosures



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